

Art Unit: \*\*\*

PTOCLM

10/1/04

AS

1. (Currently Amended) A line driver for driving a line having a state including:  
a first current device configured to initiate a change in the state of the line,  
wherein the first current device includes a plurality of current devices connected in parallel;  
[[and]]  
a second current device configured to substantially complete the change[[;]],  
wherein the first current device provides a first current and the second current device provides a  
second current that is smaller than the first current[[.]]; and  
a switching device configured to limit the first current as the state of the line is  
changing.
2. (Original) A line driver for driving a line having a state as recited in claim 1 wherein the  
first and second current devices are current sources.
3. (Original) A line driver for driving a line having a state as recited in claim 1 wherein the  
first and second current devices are current sinks.
4. (Original) A line driver for driving a line having a state as recited in claim 1 wherein the  
first current device includes a transistor sized to provide the first current.
5. (Original) A line driver for driving a line having a state as recited in claim 1 wherein the  
first current device includes a first transistor sized to provide the first current and wherein the  
second current device includes a second transistor sized smaller than the first transistor to  
provide the second current that is smaller than the first current.
6. (Canceled)
7. (Currently Amended) A line driver for driving a line having a state as recited in claim 1  
~~further including a switching device configured to limit the first current as the state of the line is~~  
~~changing~~ wherein the switching device includes a diode-configured transistor.

CLAIM 8 (CANCELED)

Art Unit: \*\*\*

9. (Canceled)

10. (Currently Amended) A line driver for driving a line having a state as recited in claim 1 ~~wherein the first current device includes a plurality of current devices wherein each of the plurality of current devices have peak responses that are time shifted with respect to each other, wherein one of the plurality of current devices has a peak response that is time shifted with respect to one other of the plurality of current devices.~~

11. (Currently Amended) A line driver for driving a line having a state as recited in claim 1 ~~wherein the first current device includes a plurality of current devices wherein each of the plurality of current devices is coupled in parallel by a resistor so as to have peak responses that are time shifted with respect to each other, wherein a resistor is connected between the input to a first of the plurality of current devices and the input to a second of the plurality of current devices so that the first of the plurality of current devices has a peak response that is time shifted with respect to the second of the plurality of current devices.~~

12. (Currently Amended) A method of driving a line having a state including:

initiating a change in the state of the line using a first current device, ~~wherein the first current device includes a plurality of current devices connected in parallel; and~~

substantially completing the change using a second current device~~[[;]]~~, wherein the first current device provides a first current and the second current device provides a second current that is smaller than the first current;

wherein a switching device configured to limit the first current as the state of the line is changing.